LIQUID CRYSTAL DISPLAY DEVICE

Publication number: JP2003043484

Publication date: 2003-02-13

Inventor: HINOBORI EIJI; NAGATANI SHINPEI; MIYAMOTO TAKAFUMI; YONEMURA HIROFUNE

Applicant: FUJITSU LTD

Classification:

- international: ***G02F1/13; G02F1/13357;*** **G02F1/13**; (IPC1-7): G02F1/13357; F21V8/00; F21V29/00; G02F1/1333; G02F1/1335; G09F9/00; G09F9/35; F21Y103/00

- european: G02F1/13B; G02F1/13357E

Application number: JP20010236400 20010803

Priority number(s): JP20010236400 20010803

Also published as:

US2006001793 (A

US2003025850 (A

Abstract of **JP2003043484**

PROBLEM TO BE SOLVED: To make it possible to confirm whether an optical sheet is properly assembled or not by visual observation from the outside and prevent the deformation of the optical sheet due to thermal expansion and to solve problems caused by heat generation from a light source. SOLUTION: In a backlight device of a liquid crystal display device 1, protrusions 10a-1 and 10b-1 protruding on the periphery of optical sheets 10a and 10b are provided. In a backlight housing 12, an opening 12a is provided in a position corresponding to the protrusions of the optical sheets. A protrusion 20a protruding toward the optical sheets is provided at the center part of a backlight housing 20. The shapes of the part enclosing a luminescent tube light emission part 42a and the part enclosing a luminescent tube electrode part 42b of a reflector 46 of a light source 40 are specified to be different from each other.

本発明の第１の実施の形態による液晶表示装置の分解斜視図